

Claims

1. A method of tracking uniform resource locators in a multi-screen HTML file having a top screen and at least one hyperlink line for each screen, comprising the steps of:

- a) traversing one or more screens in a first multi-screen HTML file;
- b) exiting said first multi-screen HTML file at an exit point;
- c) traversing other screens of at least one other multi-screen HTML file; and,
- d) returning to said exit point.

2. The method of claim 1 wherein said exit point is at a location other than the exit point in said first multi-screen HTML file.

3. A method for monitoring a multi-screen HTML file exit point when linking between multi-screen HTML files, comprising the steps of:

- a) providing a first multi-screen HTML file having a first exit point and at least one hyperlink line to a second multi-screen HTML file;
- b) using said hyperlink line to traverse and display a screen of said second multi-screen HTML file having a second exit point;
- c) identifying said first exit point location using the last of said hyperlink lines displayed on said screen of said first multi-screen HTML file; and,
- d) returning to said first exit point location upon re-entry from said screen of second multi-screen HTML file to said screen of said first multi-screen HTML file.

4. The method of claim 3 further comprising identifying when said screen of said first multi-screen HTML file has been changed after the user has traversed to said screen of said second multi-screen HTML file.

$$\frac{\{f^{(n)}\}}{\{g^{(n)}\}} = \frac{\{f^{(n)}\} \cdot \{g^{(0)}\}}{\{g^{(n)}\} \cdot \{g^{(0)}\}} = \frac{\{f^{(n)}\} \cdot \{g^{(0)}\}}{\{g^{(n)}\} \cdot \{g^{(0)}\}}$$

- 1 6. The method/of claim 3 further comprising:

- 1 7. A method of tracking a uniform resource locator in a first multi-screen HTML  
2 file having a top screen, and exit point, and at least one hyperlink line for each screen,  
3 comprising the steps of:

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9 d) performing a cyclic redundancy check by comparing a current cyclic  
10 redundancy number to a logged cyclic redundancy number;  
11 e) if said current cyclic redundancy number is equal to said logged cyclic  
12 redundancy number:  
13 1) identifying the exit point of the last of said hyperlink lines displayed from  
14 said uniform resource locator;  
15 2) identifying the number of lines of said HTML file that can be displayed on  
16 the screen;  
17 3) computing a first section of said HTML file using the line number of said  
18 last of said hyperlink lines; and,  
19 4) displaying said first section of said HTML file on a web browser; and,  
20 f) if said current cyclic redundancy number is not equal to said logged cyclic  
21 redundancy number, displaying said accessed uniform resource locator at the  
22 beginning of said HTML file on a web browser.

1 8. The method of claim 7 further comprising:

2 g) scrolling forwards and backwards on said HTML file using a slide bar and page

3 keys;

4 h) identifying a new uniform resource locator number of said last line of said

5 hyperlink lines displayed on said screen;

6 i) comparing said new uniform resource locator number to said uniform resource

7 locator table values;

8 j) if said new uniform resource locator number is not in said uniform resource

9 locator table, adding said new uniform resource locator and corresponding

10 cyclic redundancy number to said table;

11 k) adding said last line of said hyperlink lines to said uniform resource locator

12 table;

- 13 l) computing a second section of said HTML file using the line number of said last  
14 of said hyperlink lines; and,  
15 m) displaying said second section of said HTML file on a web browser.

1 9. A method of tracking uniform resource locators in a multi-screen HTML file  
2 having a top screen and at least one hyperlink line for each screen, comprising the steps  
3 of:

- 4 a) traversing one or more screens in a first set of multi-screen HTML files;  
5 b) exiting said first set of multi-screen HTML files at a plurality of exit points;  
6 c) traversing other screens of at least one other set of multi-screen HTML files;  
7 and,  
8 d) returning to said exit points from said at least one other set of multi-screen  
9 HTML files.

1 10. A program storage device readable by machine, tangibly embodying a program  
2 of instructions executable by the machine to perform the method steps for tracking  
3 uniform resource locators in a multi-screen HTML file having a top screen and at least  
4 one hyperlink line for each screen, where a user traverses one or more screens in a first  
5 multi-screen HTML file, exits said first multi-screen HTML file, and returns to said  
6 first file, said method steps comprising:

- 7 a) adapting said program to exit said first multi-screen HTML file at an exit point;  
8 b) retaining said exit point location and allowing said user to traverse other screens  
9 of at least one other multi-screen HTML file; and,  
10 c) returning to said exit point.

1 11. A program storage device readable by machine, tangibly embodying a program  
2 of instructions executable by the machine to perform the method steps for monitoring a

3 web page screen location when linking between multi-screen web pages, said method  
4 steps comprising:

- 5 a) providing a first multi-screen HTML file having a first exit point and at least  
6 one hyperlink line to a second multi-screen HTML file,  
7 b) using said hyperlink line to traverse and display a screen of said second multi-  
8 screen HTML file having a second exit point;  
9 c) identifying said first exit point location using the last of said hyperlink lines  
10 displayed on said screen of said first multi-screen HTML file;  
11 d) returning to said first exit point location upon re-entry from said screen of  
12 second multi-screen HTML file to said screen of said first multi-screen HTML  
13 file; and,  
14 e) identifying when said screen of said first multi-screen HTML file has been  
15 changed after the user has traversed to said screen of said second multi-screen  
16 HTML file.

1 12. A program storage device readable by machine, tangibly embodying a program  
2 of instructions executable by the machine to perform the method steps for tracking a  
3 uniform resource locator in a first multi-screen HTML file having a top screen and at  
4 least one hyperlink line for each screen, said method steps comprising:

- 5 a) accessing said uniform resource locator from said first multi-screen HTML file;  
6 b) comparing said uniform resource locator accessed to uniform resource locators  
7 stored in a uniform resource locator table;  
8 c) displaying said accessed uniform resource locator if said uniform resource  
9 locator is not in said table;  
10 d) performing a cyclic redundancy check by comparing a current cyclic  
11 redundancy number to a logged cyclic redundancy number;  
12 e) if said current cyclic redundancy number is equal to said logged cyclic  
13 redundancy number:

- 14 1) identifying the exit point of the last of said hyperlink lines displayed from  
15 said uniform resource locator;  
16 2) identifying the number of lines of said HTML file that can be displayed on  
17 the screen;  
18 3) computing a first section of said HTML file using the line number of said  
19 last of said hyperlink lines; and  
20 4) displaying said first section of said HTML file on a web browser; and,  
21 f) if said current cyclic redundancy number is not equal to said logged cyclic  
22 redundancy number, displaying said accessed uniform resource locator at the  
23 beginning of said HTML file on a web browser.  
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- 1 13. The program storage device of claim 10 further comprising the method steps of:  
2 g) adapting said program to allow a user to scroll forwards and backwards on said  
3 HTML file using a slide bar and page keys;  
4 h) identifying a new uniform resource locator number of said last line of said  
5 hyperlink lines displayed on said screen;  
6 i) comparing said new uniform resource locator number to said uniform resource  
7 locator table values;  
8 j) if said new uniform resource locator number is not in said uniform resource  
9 locator table, adding said new uniform resource locator and corresponding  
10 cyclic redundancy number to said table;  
11 k) adding said last line of said hyperlink lines to said uniform resource locator  
12 table;  
13 l) computing a second section of said HTML file using the line number of said last  
14 of said hyperlink lines; and,  
15 m) displaying said second section of said HTML file on a web browser.

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